
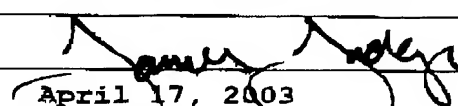


Please type a plus sign (+) inside this box → Approved for use through 10/31/2002, OMB 0631-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/064,230	
	Filing Date	06/22/2002	
	First Named Inventor	Shinya TOKUNAGA	
	Group Art Unit	2834	
	Examiner Name	AGUIRRECHEA, JAYDI A	
Total Number of Pages in This Submission	12	Attorney Docket Number	18.009-AG

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or individual name	JUDGE PATENT FIRM
Signature	
Date	April 17, 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____	
Typed or printed name	_____
Signature	_____
Date	_____

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

App. No. 10/064,230  
Amendment dated April 17, 2003  
Reply to Office action of January 17, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No.	:	10/064,230	(Cnfrm. No. 4447)
Applicant	:	Shinya Tokunaga	
Filed	:	June 22, 2002	
Title	:	SPINDLE MOTOR	
Tech. Cntr./Art Unit	:	2834	
Examiner	:	Jaydi A. Aguirrechea	
Docket No.	:	18.009-AG	

*I hereby certify that this  
correspondence is being  
facsimile-transmitted to the  
Patent and Trademark Office,  
fax no. (703) 805-1341  
on April 17, 2003.*

*James W. Judge  
Reg. No. 42,701*

*Signature* 

Honorable Commissioner of Patents  
Washington, D.C. 20231

**REPLY Under 37 C.F.R. § 1.111**

Sir:

In response to the Office action of January 17, 2003 reconsideration of the above-identified patent application, amended as follows, is respectfully requested.

**AMENDMENT Pursuant to (tentatively revised) 37 C.F.R. § 1.121<sup>1</sup>**

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

<sup>1</sup> Note: The amendments and remarks herein are being submitted in the revised format as set forth in "Amendments in a Revised Format Now Permitted," *Official Gazette of the Patent Office*, February 25, 2003.